



# WAC Journal

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A Monthly Publication of the  
**Willamette Apple Connection, Inc.**  
An Apple II & Compatible User Education Group  
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## JUNE MEETING INFORMATION

The meeting is scheduled for June 18th, 1987, with a starting time of 7:00 p.m.. The meeting will be held on the Chemeketa Community College campus, in Building 2, Room 112.

Neal Layton will be presenting tips on the use of the Spreadsheet in AppleWorks. Also there will be a video tape from Apple Computer shown.

Of course, we will continue with the question and answer session; so, bring your solutions, problems and programs to the meeting. We hope we can help one another.

## PEELINGS from the BOARD MEETING

The Board of Director's meeting was held on May 21st. We recapped our effort to establish our "non-profit" status with the IRS, and the question of whether or not we will be able to seek paid advertising for the WAC Journal and still be able to establish "non-profit" status.

## FUTURE MEETING TOPICS

July 16th - Free Copy Night

1987 Apple Business Forum

WAC has recieved two free invitations to the Business Forum. These passes will be available to two interested business individuals within our user group. The Apple Business Forum will be held July 27th in Seattle, as well as other parts of the country during June and July of 1987.

Hear experts discuss software and hardware solutions to address business needs. The solutions will be based around the Apple Macintosh computer. If you are interested, contact Lawrence Tucker (585-0811).

## APPLE ProDOS Product Overview

Apple designed ProDOS as a transition from DOS 3.3 and for the greater sophistication and enhanced capabilities demanded by more professional applications. ProDOS provides compatibility between the Apple /// and the II line of computers, since ProDOS and SOS share similar file naming conventions and file formats.

ProDOS requires, at the least, a 64K Apple II+, //e, //c or IIs, with Applesoft in ROM. Interger basic is not supported. Listed below are some of the features of ProDOS.

- \* Hierarchical filing system similar to SOS.
- \* Up to 51 files in a volume directory; the number of files in subdirectories is limited only by the space on the disk.
- \* 20 different file types; 10 are user defineable.
- \* Up to 8 files may be open at one time.
- \* a defined, usable machine language interface.
- \* Interrupts up to 4 levels are supported and processed sequentially.
- \* Compatibility between file created on -an Apple ///.
- \* Fast transfer speed to and from disk; about 8K per second from a Disk II.
- \* All disk devices supported by Apple will work automatically.
- \* Direct block access.
- \* Enhanced BASIC command structure.
- \* Easier Assembly Language program development and maintenance.
- \* Up to 32 megabytes per volume, 16 megabytes per file.
- \* Multiple logical volumes per physical volume.
- \* Pseudo disk emulator using the Apple Extended Text Card, enabling fast file access and graphics screen switching.

## \*\*ADVERTISING\*\*

ImageWriter I for sale for \$300.00, in good condition. Contact Joseph Durst at 399-9874.

WANTED: Used game paddles. Would like to go "hi-res golfing". Contact Dick Bennick at 390-6935

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#### MEETINGS

The Regular Membership Meeting is held on the third Thursday of the month, with a start time of 7:00 p.m.. The meeting is held on the Chemeketa Community College campus, in Building 2, Room 112. The general public is invited to attend.

#### WAC JOURNAL

The journal is published monthly. Authors should submit their copy via MODEM to the Salem Public Library BBS (Apple SIG), or mail a diskette with the article written in ASCII text file form, AppleWorks or AppleWriter files by the 7th of the month. Hard copy should be mailed by the last day of the month preceding the publishing month.

#### DISCLAIMER

The Willamette Apple Connection, Inc. discourages the unlawful duplication of copyrighted software and other materials; and encourages prompt payment for "shareware" which members keep and use. Persons who do not adhere to these guidelines bear sole responsibility for their actions.

#### AppleFest(R) '87 Announced

Cambridge Marketing, Inc. (CMI) today announced AppleFest(R) '87, a conference and exposition for the Apple(R) II computer community. The event will be held in the San Francisco Civic Auditorium on September 18, 19 and 20.

"AppleFest is a forum at which the community of Apple users, resellers, and software and hardware developers can build relationships and learn about the Apple II products and applications," said Delbert Yocam, Apple's chief operating officer. "We are pleased that CMI is supporting our commitment to the home and education markets through AppleFest."

The exposition will feature the entire Apple II family, including the new Apple II GS(TM) computer. Keynote addresses will be given by Yocam as well as by Apple co-founder Steve Wozniak. The highlight of the three-day conference will be Apple's Kick-off of its observance of National Computer Learning Month (October, 1987). Other highlights include:

- Hands-on Tutorials: Instruction in the use of popular software packages, offered in conjunction with the publishers.
- Educational Computing Showcase: On-going demonstrations of the best in educational software for home and classroom.
- Merit Competition Show-off: Featuring the grand prize-winning projects in the Merit Competition of the Apple Computer Clubs International.
- Applications-Oriented Sessions: Topics ranging from tax preparation and desktop publishing to buying a printer or choosing a college.

A large number of peripheral manufacturers, application and game-software publishers, Apple-specific publications and other vendors of Apple II-related products and services are expected to participate.

"We are working to gain the support of many different Apple II constituencies -- third-party vendors, publications, users' and educators' groups," said Roy Einreinhofer, senior vice president of CMI. "We expect many companies to make new product announcements at AppleFest, particularly new offerings for the Apple II GS computer."

"We are providing a range of services to exhibitors, including a show-wide press kit, special platforms and times for news announcements. There will be opportunities to participate in continuous product demonstrations," said Einreinhofer.

AppleFest is the first major Apple II show since 1983. "For some time," said Deborah de Peyster, editor-in-chief of InCider magazine, "the Apple II community has needed a strong, national forum to show off its wares and rally its supporters. It's good to hear that AppleFest is back."

Cambridge Marketing, Inc. is a national marketing and promotion company located in Bedford, Mass. Formerly Computer Publishing Services (CPS), CMI is the originator and operator of the Apple Computer Clubs International program.

CMI has been licensed by Apple to manage the AppleFest exhibit and conference.

# Apple II Software List

With all the Apple II software on the market, it's hard to keep up with what's available, such as the latest versions of your favorite Apple programs. To help keep you up to date, here's a list of all Apple II software distributed by Apple as of February, 1987.

Application	Current Version	Date Released
<b>Access II</b>		
Apple Access II	1.2	Sep 23 86
Apple Presents Access II	1.1	Apr 30 85
<b>Apple IIc</b>		
The Apple IIc at Play	1.1	Nov 29 84
Inside Story	1.1	Nov 30 84
<b>Apple IIe</b>		
Introduction to the Apple IIe	2.0	Jun 20 86
Inside Story	2.0	Jun 12 86
<b>Apple IIcs™</b>		
System Disk	1.1	Dec 2 86
ProDOS 16	1.1	Dec 3 86
ProDOS 8	1.3	Dec 3 86
Apple Tour of the Apple IIcs	1.0	Sep 6 86
Apple Education Classics	1.0	Mar 21 84
<b>Apple LOGO II</b>		
Apple LOGO II (128K)	1.1	Nov 12 84
Apple Presents Apple LOGO II	1.0	Jan 23 84
<b>AppleSoft BASIC</b>		
ProDOS AppleSoft Sampler	1.2	Mar 5 85
ProDOS BASIC Prog. Examples	1.1	Oct 26 84
ProDOS AppleSoft CI (BASIC.SYSTEM)	1.1	Jun 18 84
Getting Down to BASIC IIe	1.0	Jun 12 86
ProDOS AppleSoft Prog. Asst.(APA)	1.4	Jun 28 84

Application	Current Version	Date Released
<b>AppleWorks®</b>		
AppleWorks Startup/Program	2.0	Jun 19 86
AppleWorks Sample Files	2.0	Jun 19 86
AppleWorks-3.5*	1.3	Jun 19 86
Apple Presents AppleWorks	2.0	Jun 19 86
<b>Apple Writer</b>		
Apple Writer II	2.1	Dec 12 84
Apple Presents (40 COL)	1.0	May 22 84
Apple Presents (80 COL)	1.0	May 1 84
Backup II	1.1.1	Oct 24 85
<b>Console Driver / User Input</b>		
User Input Routine ASSEMBLER	1.0	Jan 16 86
User Input Routine BASIC	1.0	Jan 14 86
User Input Routine Pascal	1.0	Jan 6 86
ConsoleStuff Pascal Unit	1.0	Jan 14 86
Dow Jones News & Quotes Reporter	2.0.1	Jun 20 84
ForTran II	Rev.B	Feb 21 85
<b>Instant Pascal®</b>		
Instant Pascal (Program)	1.0	Aug 19 85
Instant Pascal (Samples)	1.0	Aug 19 85
Apple Presents (Mouse)	1.0	Aug 22 85
Apple Presents (Keyboard)	1.0	Aug 22 85
MousePaint	1.2	Apr 10 85
<b>MouseText / MouseGraphics</b>		
MouseGraphics ToolKit-All Pascal 1.2	1.0.0B6	Aug 21 85
MouseText ToolKit	2.1	Jan 15 86
Pascal MouseText ToolKit	2.1	Jan 18 86
Pascal Mouse Attach Driver	1.0	Jul 3 84
File Card Menu Support Library Unit	1.0	Jan 15 86

Application	Current Version	Date Released
<b>Pascal II</b>		
Development System-APPLE0:	1.3	Sep 3 85
Development System-APPLE1:	1.3	Sep 3 85
Development System-APPLE2:	1.3	Sep 3 85
Development System-APPLE3:	1.3	Sep 3 85
Development System-3.5*	1.3	Sep 3 85
Pascal Device Support Tools	1.1	Aug 14 84
Pascal Profile Manager	1.0.2	Apr 9 84
Pascal Profile Manager	1.0.2	Apr 9 84
Pascal Attach Tools	1.3	Sep 3 85
Pascal ProDOS Access Unit	1.2	Oct 7 85
<b>Programmer's Toolkit / Assembler Tools</b>		
DOS Programmer's Toolkit	Rev.B	Oct 20 83
DOS Programmer's Toolkit	Rev.B	Oct 20 83
ProDOS Assembler Tools	1.1	Jun 6 85
<b>ProDOS</b>		
ProDOS Kernel (PRODOS)	1.1.1	Sep 18 84
ProDOS Exerciser's Disk	1.0.2	Mar 5 85
ProDOS User's Disk	1.1.2	Feb 5 85
ProDOS Convert (CONVERT)	1.2	Feb 5 85
ProDOS Filer (FILER)	1.1	Jun 18 84
Update Utility for ProDOS	1.1.1	Sep 18 84
<b>SANE™</b>		
SANE, Apple Pascal ELEMS For A II & A III	1.0	Sep 22 83
APPL2.SANE	1.1	Sep 21 83
APPL2.SANE	1.0	Sep 21 83
SCSI Hard Disk Test Program 3.5	1.0	Aug 6 86
SCSI Hard Disk Test Program 5.25	1.0	Aug 6 86
SuperPilot Log	1.1	Jun 25 84
System Utilities IIc & IIe	2.1.1	Oct 2 85

## PRINTER RIBBON TROUBLES

"Sorrow is having your Imagewriter develop a habit of skipping and fading; happiness is finding a simple cure! For months I have had occasions of print fading with my Imagewriter II, which seemed to be worse with inexpensive ribbon cartridges but only occasionally a problem with the Apple ribbons. At first glance, the cheaper ribbons seemed to require more torque to advance the ribbon, and I suspected that the Imagewriter II had a weaker drive to the ribbon advance gear, especially since my Imagewriter I's had never given me this problem.

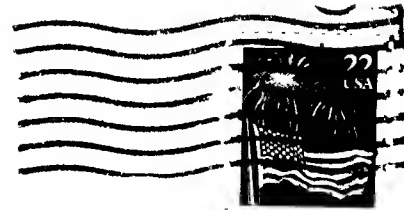
"In desperation I took the Imagewriter II ribbon drive deck assembly apart and studied it carefully. Everything seemed to look proper internally, but when I reassembled it, put the ribbon in and operated it manually, the ribbon would stop advancing as the print head neared the right margin of the page. Then I noticed that a slight pressure down on the cartridge would keep the ribbon from advancing at all and a slight pull upward would eliminate the problem. On the bottom of the ribbon cartridge are two tapered locating pegs that fit in two corresponding holes in the ribbon cartridge. Just below the rightmost hole, you can see the drive wheel that is rotated by the small cable as the deck moves across the carrier rod. Now wait -- what if the locating peg were to touch the drive wheel, -- Ureka! I put a small piece of cardboard under the right part of the ribbon cartridge, keeping the peg from penetrating as far in to the drive deck, and the problem was eliminated. A more permanent fix was effected by taking a few strokes with across the point of the locating peg so that I could not penetrate deeply enough to touch the drive wheel.

"That was the simple answer -- and I've never had the problem since. If you have experienced this difficulty with your Imagewriter II, especially when using non-Apple ribbons, just file a tenth inch or so off the right locating peg (right as looking down on the ribbon in the installed position). The cheaper ribbon cartridges are generally for C.Itoh printers and definitely have slightly longer locating pegs, but I file my Apple ones also just to be safe. It only takes about thirty seconds to file five ribbons. By the way, the Imagewriter I does not have the problem, because the drive wheel is not located under the locating peg and hence the problem is not experienced with this earlier machine."

I've not had a **SERIOUS** problem, but my printing is occasionally just a tad spotty. I've tried the cardboard temporary cure, but haven't printed enough to see if it made a difference. Try it out and report your success or lack of it...

Downloaded from Washington Apple Pi, May 1987 -- by Richard J. Byrd  
Submitted to the WAC Journal -- by Neal Layton

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*FIRST CLASS*

TO

